

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.
UTU-01191

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.
UNIT #891008900A

8. Lease Name and Well No.
NBU 1022-04AT

9. API Well No.
43-847-40152

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area
SEC 4-T10S-R22E

12. County or Parish
UINTAH

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LP

3A. Address
PO BOX 173779, DENVER, CO 80123

3b. Phone No. (include area code)
(720) 929-6666

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NENE - 544' FNL, 1278' FEL - LOT 1 633253X 39.983726
At proposed prod. Zone 4426907Y -109.439372

14. Distance in miles and direction from nearest town or post office*
26 +/- MILES SOUTH EAST OF OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)
544'

16. No. of Acres in lease
1041.78

17. Spacing Unit dedicated to this well
40

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.
REFER TO
TOPO C

19. Proposed Depth
9050

20. BLM/BIA Bond No. on file
WYB-000291

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5045 GR

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

25. Signature Raleen White Name (Printed/Typed) RALEEN WHITE Date 6/13/2008

Title

SR. REGULATORY ANALYST

Approved by (Signature) [Signature] Name (Printed/Typed) BRADLEY G. HILL Date 06-18-08

Title

Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

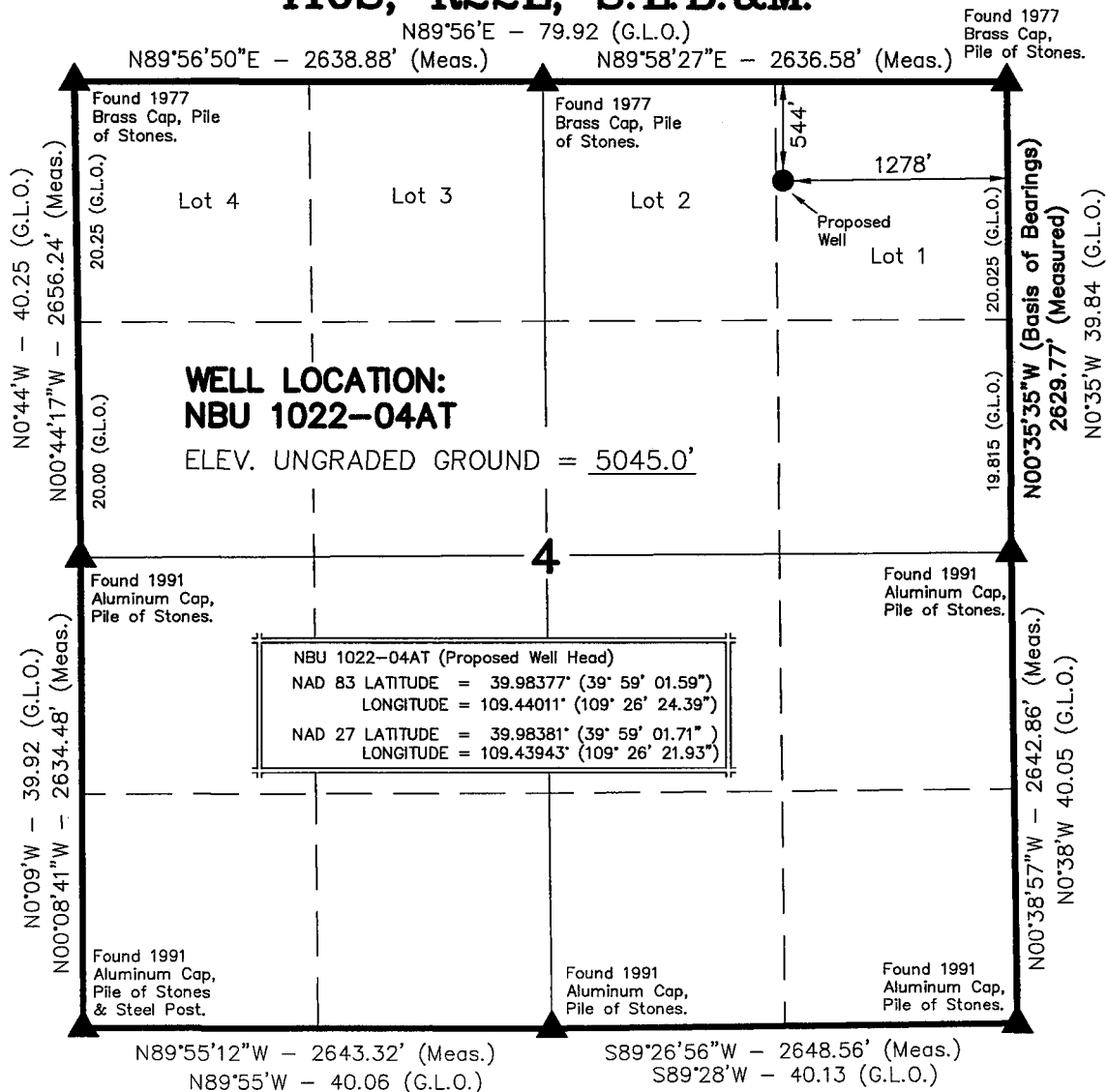
Federal Approval of this
Action is Necessary

RECEIVED

JUN 16 2008

DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M.



NOTES:

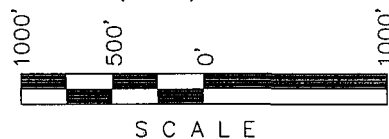
- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-04AT
WELL PLAT
544' FNL, 1278' FEL
LOT 1 OF SECTION 4, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.

CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION No. 362251
 STATE OF UTAH

TIMBERLINE

(435) 788-1365

ENGINEERING & LAND SURVEYING, INC.

38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 06-01-08	SURVEYED BY: B.J.S.	SHEET 2 OF 7
DATE DRAWN: 6-2-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

**NBU 1022-04AT
TWIN TO NBU 1022-4A
NENE SEC. 4, T10S,R22E
UINTAH COUNTY, UTAH
UTU-01191**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1220'
Birds Nest	1505'
Mahogany	2000'
Wasatch	4391'
Mesaverde	6786'
TD	9050'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1220'
Water	Birds Nest	1505'
Water	Mahogany	2000'
Gas	Wasatch	4391'
Gas	Mesaverde	6786'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9050' TD, approximately equals 5611 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3700 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP. Please see KMG sundry regarding variance request to Onshore Order #2 regarding Air drilling for surface casing

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 13, 2008
 WELL NAME NBU 1022-04AT TD 9,050' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,072' GL KB 5,087'
 SURFACE LOCATION NENE - SEC. 4, T10S, R22E - 544' FNL, 1278' FEL LOT 1 BHL Straight Hole
 Latitude: 39.983810 Longitude: 109.439430
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist
Catch water sample, if possible, from 0 to 4,391'					
	Green River @	1,220'			
	Top of Birds Nest Water @	1505'			
	Mahogany @	2,000'			
	Preset f/ GL @				
	2,080' MD				
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD					
Open hole logging program f/ TD - surf csg					
	Wasatch @	4,391'			
	Mverde @	6,786'			
	MVU2 @	7,655'			
	MVL1 @	8,256'			
			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-10.0 ppg
					Max anticipated Mud required 10.0 ppg
	TD @	9,050'			



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	453000
SURFACE	9-5/8"	0 to 2080	36.00	J-55	LTC	1.30	2.08	7.70
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9050	11.60	I-80	LTC	2.87	1.35	2.19

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft-partial evac gradient x TVD of next csg point))
2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
(Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 2715 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
			NOTE: If well will circulate water to surface, option 2 will be utilized				
SURFACE	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
Option 2	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,890'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	430	60%	11.00	3.38
	TAIL	5,160'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1440	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

**NBU 1022-04AT
TWIN TO NBU 1022-4A
NENE, SEC. 4, T10S, R22E, SLB&M
UINTAH COUNTY, UTAH
UTU-01191**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

No new access road is proposed. Refer to Topo Map B.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Utilizing existing pipeline.

Variances to Best Management Practices (BMPs) Requested:

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

Upon reclamation of the pit the operator will utilize the same seed mix approved for the NBU 165. Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. **Surface and Mineral Ownership:**

The well pad, access road, pipeline and mineral ownership are listed below:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

13. **Other Information:**

A Class III archaeological survey, T&E Clearance and a paleontological survey have been performed and will be sent to the BLM with a form letter

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Raleen White
Sr. Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO
(720) 929-6666

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WYB000291.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Raleen White

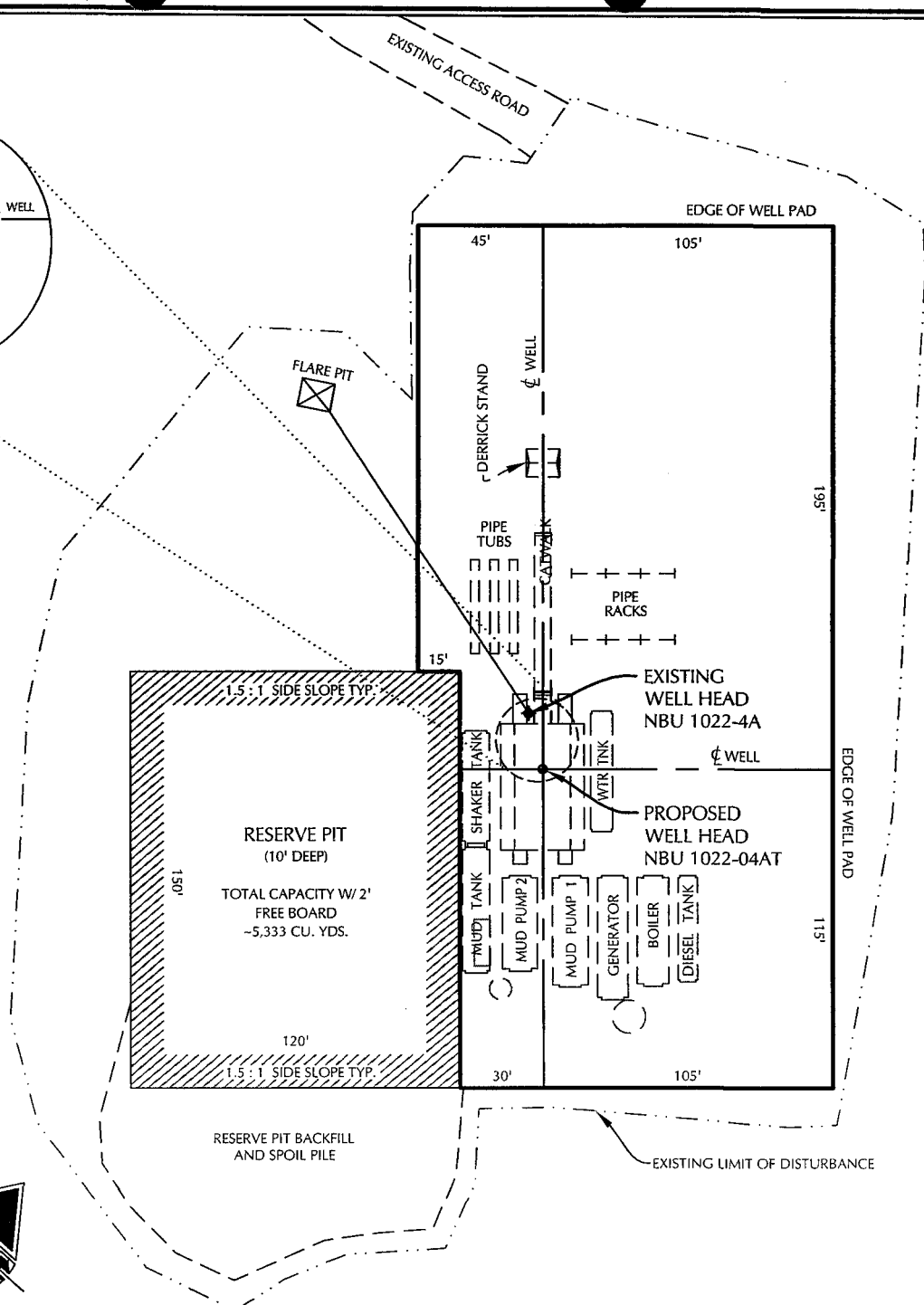
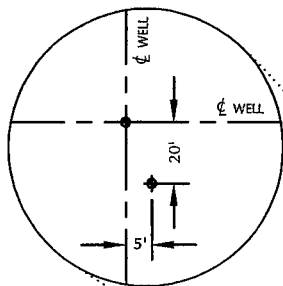
6/13/2008

Date

Kerr-McGee Oil & Gas Onshore, LP
NBU #1022-04AT
SECTION 4, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH, ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.2 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.5 MILES TO OURAY, UTAH; PROCEED FROM OURAY, UTAH, IN A SOUTHERLY DIRECTION ON STATE HIGHWAY 88 APPROXIMATELY 9.4 MILES TO THE JUNCTION OF STATE HIGHWAY 88 AND SEEP RIDGE ROAD; EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND GLEN BENCH ROAD; EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION FOR APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND BITTER CREEK ROAD; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO SOUTHEASTERLY FOR APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION, GRADUALLY CHANGING TO NORTHEASTERLY APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION, GRADUALLY CHANGING TO NORTHERLY APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED NBU 1022-04AT WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH, TO THE PROPOSED NBU 1022-04AT WELL LOCATION IS APPROXIMATELY 55.7 MILES.



**KERR-MCGEE OIL & GAS
ONSHORE, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-04AT
LOCATION LAYOUT
544' FNL - 1,278' FEL
LOT 1, SEC. 4, T.10S., R.22E.
S.L.B. & M., UINTAH COUNTY, UTAH**



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

NOTES:

1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
3. NBU 1022-04AT EXISTING GROUND ELEVATION = 5,045.0'

Scale: 1"=60'	Date: 6/6/08	SHEET NO:
REVISED:	BY DATE	3 3 OF 7

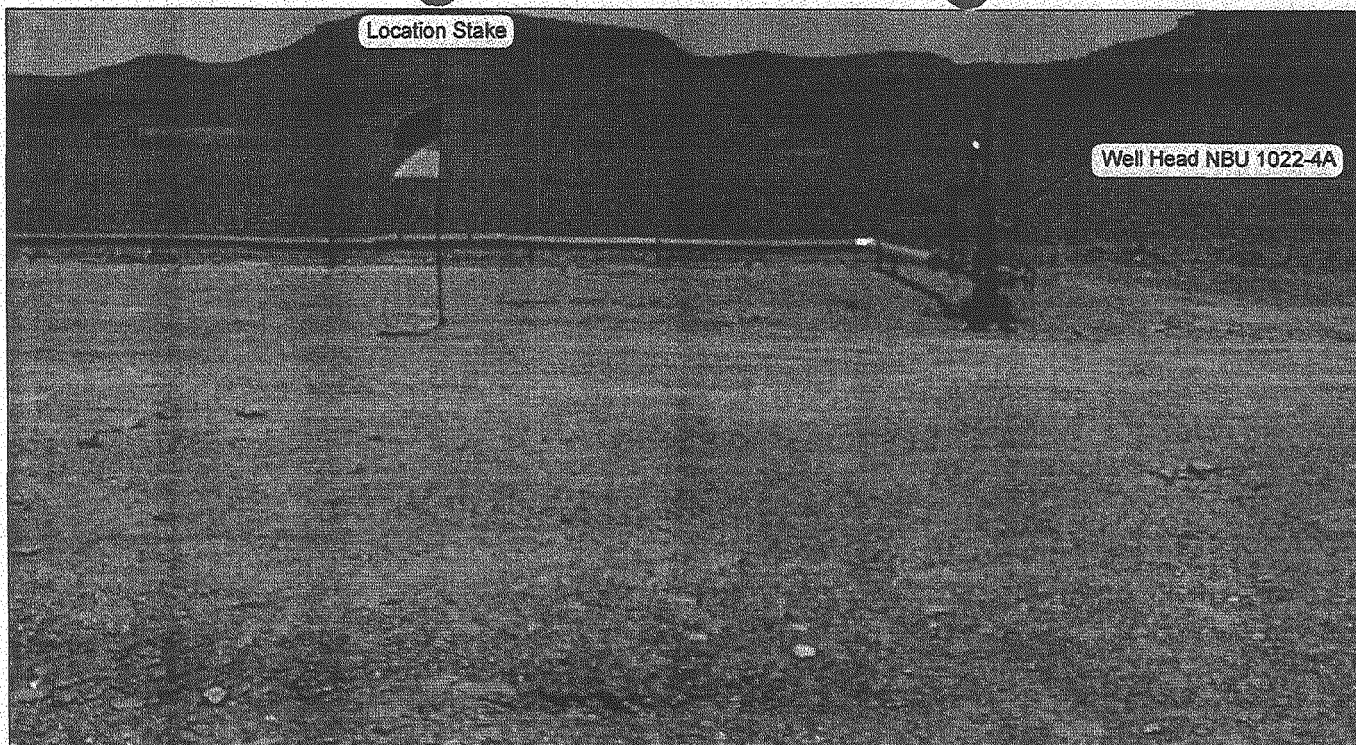


PHOTO VIEW: LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

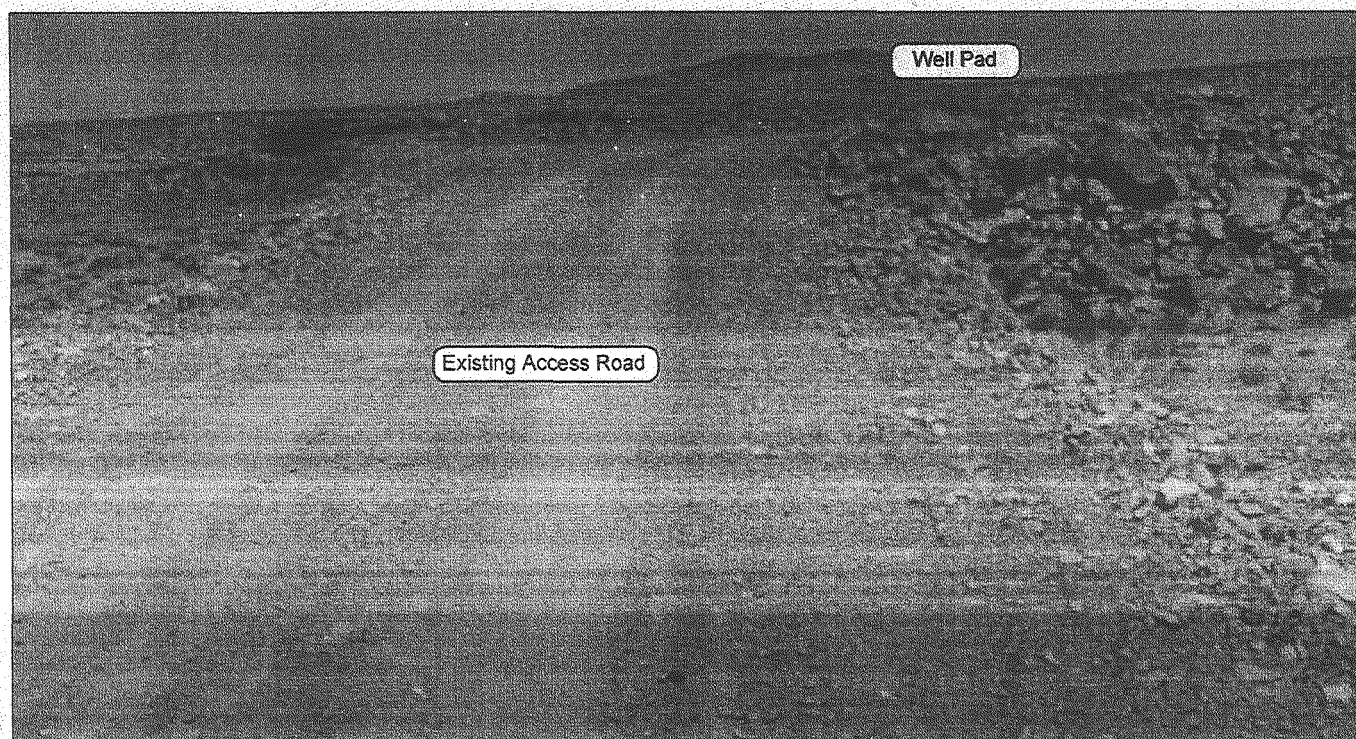


PHOTO VIEW: FROM EXISTING ROAD

CAMERA ANGLE: NORTHEASTERLY

**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU #1022-04AT
544' FNL, 1278' FEL
LOT 1 OF
SECTION 4, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH.



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: B.R.B.

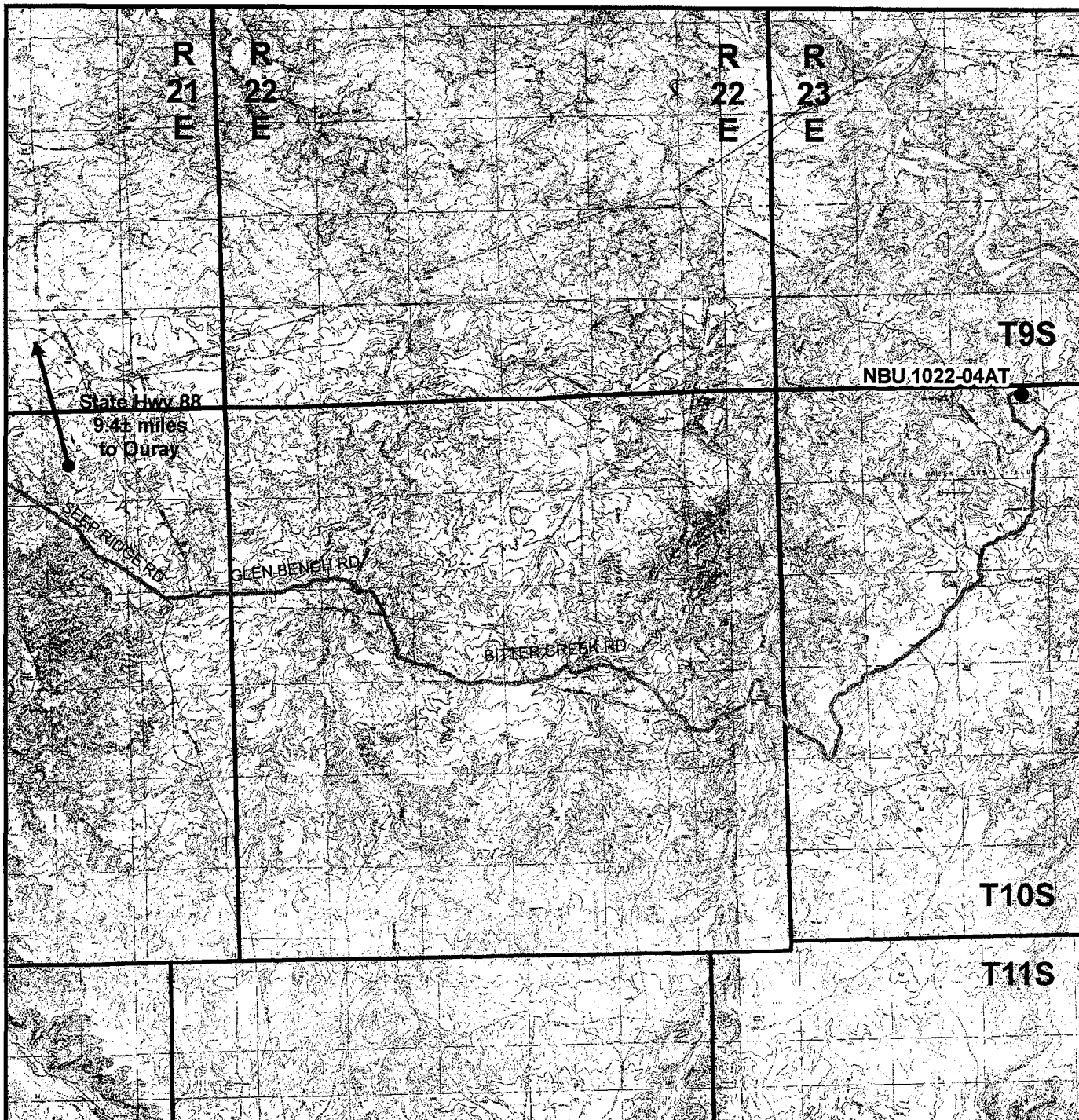
REVISED:

DATE TAKEN: 06-01-08

DATE DRAWN: 06-03-08

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
4
OF 7



Legend

- Proposed NBU 1022-04AT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-04AT
Topo A
544' FNL, 1278' FEL
Lot 1, Section 4, T10S, R22E
S.L.B.&M., Uintah County, Utah

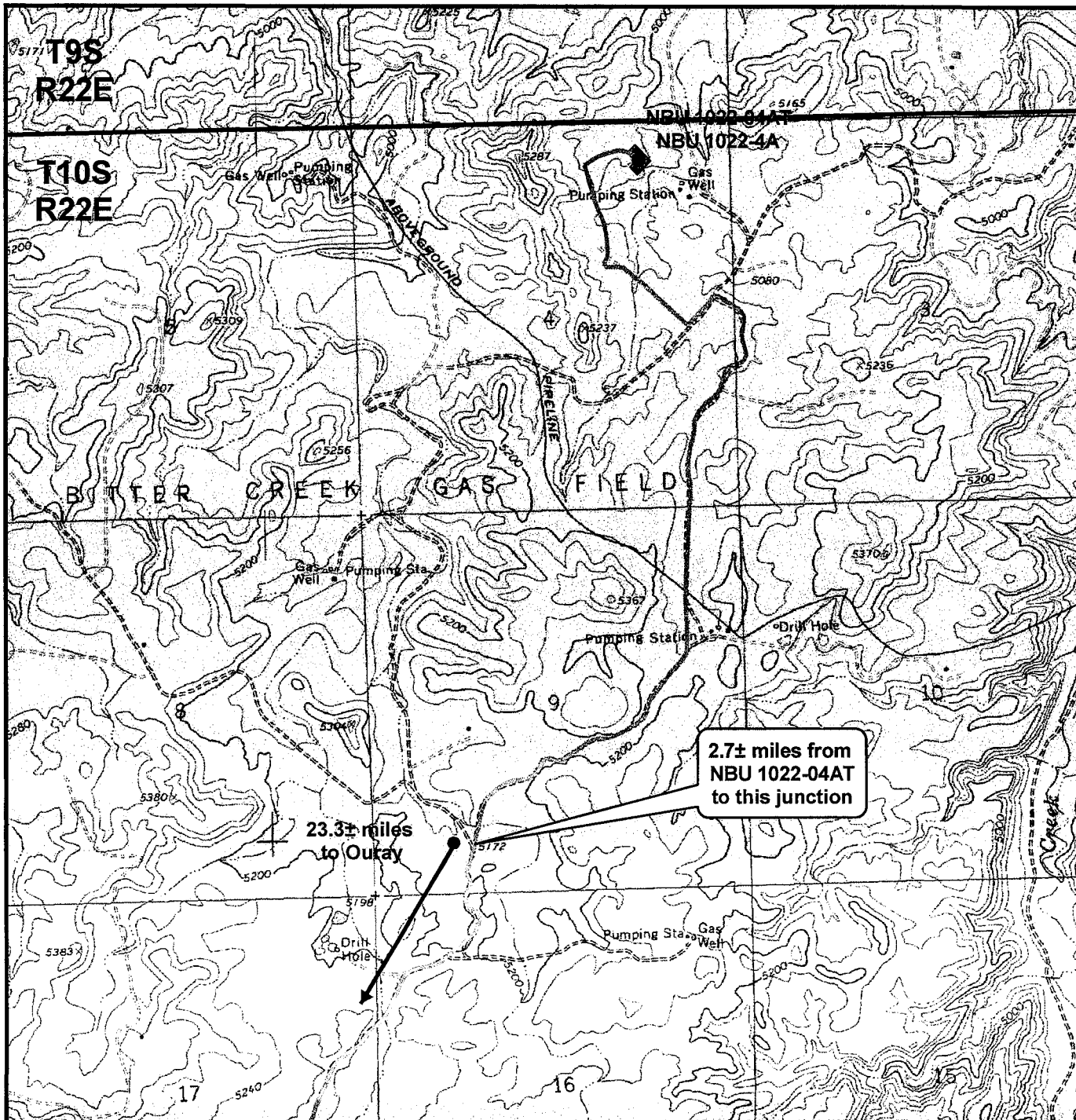


CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182



Scale: 1:100,000	NAD83 US P Centra	Sheet No:
Drawn: JELo	Date: 6 June 2008	5
Revised:	Date:	

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Legend

- Proposed NBU 1022-04AT Well Location

— Existing Access Roads

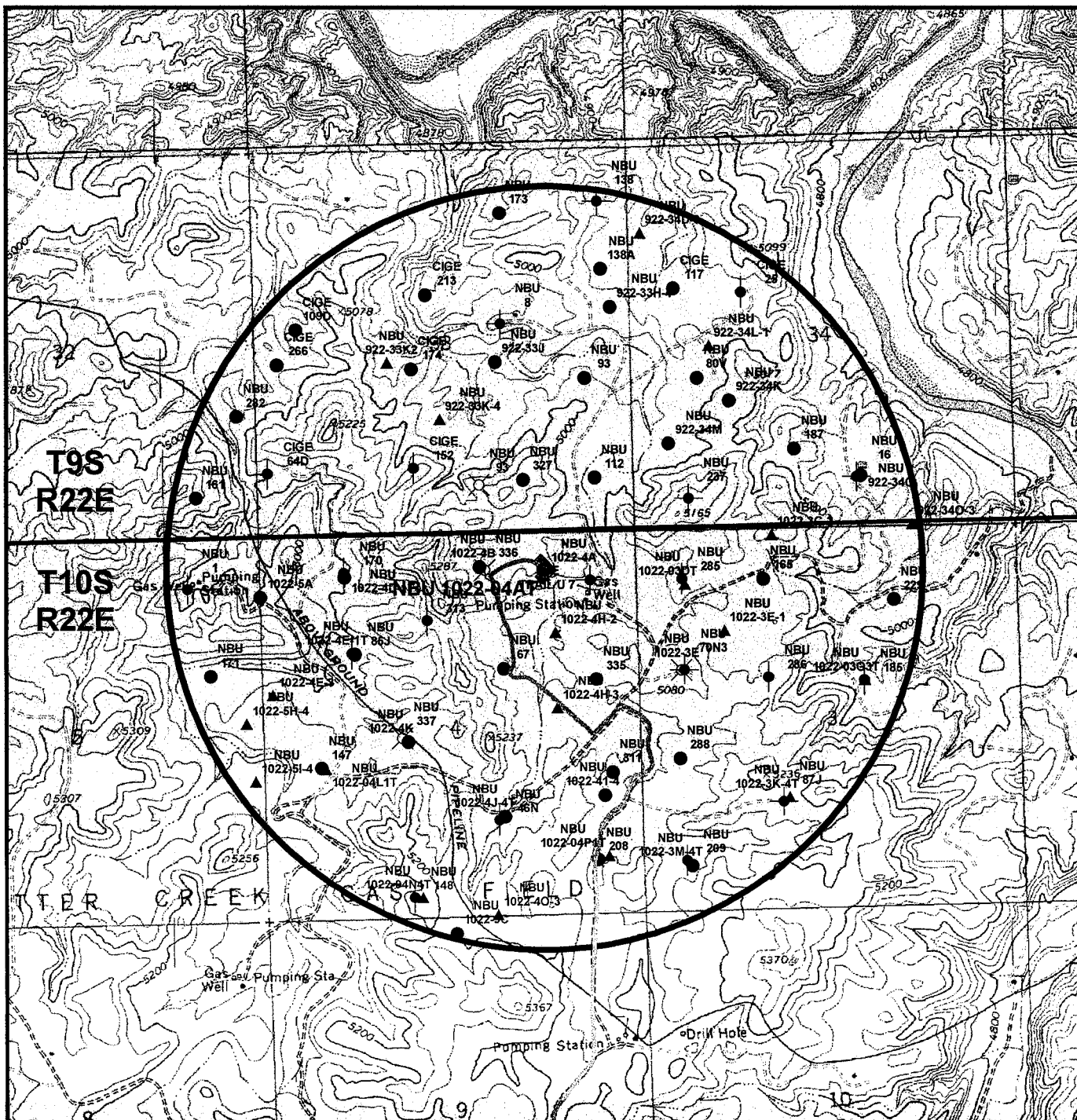
Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-04AT
Topo B
544' FNL, 1278' FEL
Lot 1, Section 4, T10S, R22E
S.L.B.&M., Uintah County, Utah



Scale: 1" = 2000ft	NAD83 US P Centra	Sheet No:
Drawn: JELO	Date: 6 June 2008	6
Revised:	Date:	

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Legend

- Proposed NBU 1022-04AT Well Location

Existing Access Roads

- Producing
- ▲ Approved permit (APD); not yet spudded
- ✕ Location Abandoned
- ⊕ Plugged and Abandoned
- Shut-In

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-04AT

Topo C

544' FNL, 1278' FEL

Lot 1, Section 4, T10S, R22E

S.L.B.&M., Uintah County, Utah



CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182



Scale: 1" = 2000ft

NAD83 US P Centra

Sheet No:

Drawn: JELO

Date: 6 June 2008

Revised:

Date:

7

7 of 7

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/16/2008

API NO. ASSIGNED: 43-047-40152

WELL NAME: NBU 1022-04AT

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6666

CONTACT: RALEEN WHITE

PROPOSED LOCATION:

NENE 04 100S 220E

SURFACE: 0544 FNL 1278 FEL

BOTTOM: 0544 FNL 1278 FEL

COUNTY: UINTAH

LATITUDE: 39.98373 LONGITUDE: -109.4394

UTM SURF EASTINGS: 633253 NORTHINGS: 4426907

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01191

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB-000291)
N Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
N RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: NATURAL BUTTES
____ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 440' for updating E.U.N.C.M.M. Tracer
____ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1. Federal Approval
2. OIL SHALE

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 18, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-40146	NBU 922-29LT	Sec 29 T09S R22E 1978 FSL 0957 FWL
43-047-40147	NBU 922-32AT	Sec 32 T09S R22E 0457 FNL 0113 FEL
43-047-40148	NBU 922-32BT	Sec 32 T09S R22E 0701 FNL 2116 FEL
43-047-40149	NBU 1022-03FT	Sec 03 T10S R22E 2059 FNL 1825 FWL
43-047-40150	NBU 1022-03CT	Sec 03 T10S R22E 0715 FNL 1777 FWL
43-047-40151	NBU 1022-04HT	Sec 04 T10S R22E 2015 FNL 0566 FEL
43-047-40152	NBU 1022-04AT	Sec 04 T10S R22E 0544 FNL 1278 FEL
43-047-40153	NBU 1022-05JT	Sec 05 T10S R22E 2203 FSL 2319 FEL
43-047-40154	NBU 1022-05IT	Sec 05 T10S R22E 2288 FSL 0691 FEL
43-047-40155	NBU 1022-05BT	Sec 05 T10S R22E 1028 FNL 1886 FEL
43-047-40156	NBU 1022-06ET	Sec 06 T10S R22E 2475 FNL 0628 FWL
43-047-40157	NBU 1022-06FT	Sec 06 T10S R22E 2108 FNL 1669 FWL
43-047-40158	NBU 1022-06DT	Sec 06 T10S R22E 0162 FNL 0311 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2008

Kerr-McGee Oil & Gas Onshore LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 1022-04AT Well, 544' FNL, 1278' FEL, NE NE, Sec. 4, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40152.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Kerr-McGee Oil & Gas Onshore LP

Well Name & Number NBU 1022-04AT

API Number: 43-047-40152

Lease: UTU-01191

Location: NE NE Sec. 4 T. 10 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

RECEIVED
VERNAL FIELD OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2008 JUN 15 AM 10 20

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.

UTU-01191

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

UNIT #891008900A

8. Lease Name and Well No.

NBU 1022-04AT

9. API Well No.

43 047 40152

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area

SEC 4-T10S-R22E

12. County or Parish

UINTAH

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3A. Address

PO BOX 173779, DENVER, CO 80123

3b. Phone No. (include area code)

(720) 929-6666

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NENE - 544' FNL, 1278' FEL - LOT 1

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*

26 +/- MILES SOUTH EAST OF OURAY, UTAH

15. Distance from proposed*

location on to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

544'

16. No. of Acres in lease

1041.78

17. Spacing Unit dedicated to this well

40

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

REFER TO
TOPO C

19. Proposed Depth

9050

20. BLM/BIA Bond No. on file

WYB-000291

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5045 GR

22. Approximate date work will start*

UPON APPROVAL

23. Estimated duration

TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized office.

25. Signature

Raleen White

Name (Printed/Typed)

RALEEN WHITE

Date

6/13/2008

Title

SR. REGULATORY ANALYST

Approved by (Signature)

Assistant Field Manager

Name (Printed/Typed)

John Kuehl

NOV 19 2008

Title

Assistant Field Manager
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

~~NOS~~ and posted 6/25/08

AFMSS# 08PP09297

NOTICE OF APPROVAL

UDOGM

RECEIVED

NOV 24 2008

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore, LP
Well No: NBU 1022-04AT
API No: 43-047-40152

Location: Lot 1, Sec.4, T10S, R22E
Lease No: UTU-01191
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

None

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Kerr McGee's Standard Operating Practices (dated 7/17/08 and approved 7/28/08) shall be on location.
- Kerr McGee and their contractors shall strictly adhere to all operating practices in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01191
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE LP		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 173779 DENVER, CO 80123		7. If Unit or CA/Agreement, Name and/or No. 891008900A
3b. Phone No. (include area code) Ph: 720-929-6007 Fx: 720-929-7007		8. Well Name and No. NBU 1022-04AT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T10S R22E NENE 544FNL 1278FEL 39.98373 N Lat, 109.43937 W Lon		9. API Well No. 43-047-40152
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a change to the surface location of this well to accomodate the new drilling rigs.

The surface location is changing
FROM: 544' FNL 1278' FEL
TO: 516' FNL 1306' FEL

633244X 39.983801
44269154 109.439468

COPY SENT TO OPERATOR

Date: 4.14.2009

Initials: KS

Please see the attached revised survey plats and interference diagram reflecting this change in surface location. All other information remains the same, including the amount of disturbance.

If you have any questions, please contact the undersigned. Thank you.

**Federal Approval of this
Action is Necessary**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #68672 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE LP, sent to the Vernal	
Name (Printed/Typed) KATHY SCHNEEBECK DULNOAN	Title STAFF REGULATORY ANALYST
Signature <i>Kathy Schnebeck Dulnoan</i> (Electronic Submission)	Date 04/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 04-09-09
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

APR 09 2009

DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M.

NOTES:

- ▲ = Section Corners Located
1. Well footages are measured at right angles to the Section Lines.
 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
 3. Bearings are based on Global Positioning Satellite observations.
 4. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-04AT
WELL PLAT
516' FNL, 1306' FEL
LOT 1 OF SECTION 4, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

A horizontal graphic scale bar. It is divided into segments. From left to right: a white segment labeled '1000'', a black segment labeled '500'', a white segment labeled '0' at its center, a black segment labeled '500'', and a white segment labeled '1000''.

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF AERIAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED:

06-01-08

DATE DRAWN:
6-2-08

SCALE: 1" = 1000'

SURVEYED BY: B.J.S.

DRAWN BY: M.W.W.

Date Last Revised:
03-18-09

SHEET 1

2

OF 7

WELL PAD INTERFERENCE PLAT

NBU 1022-04AT

BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 4, T10S, R22E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°35'35"W.



LATITUDE & LONGITUDE		
Surface Position - (NAD 83)		
WELL	N. LATITUDE	W. LONGITUDE
1022-04AT	39°59'01.862" 39.983851°	109°26'24.762" 109.440212°
Existing Well 1022-4A	39°59'01.689" 39.983803°	109°26'24.622" 109.440173°

LATITUDE & LONGITUDE		
Surface Position - (NAD 27)		
WELL	N. LATITUDE	W. LONGITUDE
1022-04AT	39°59'01.987" 39.983885°	109°26'22.302" 109.439528°
Existing Well 1022-4A	39°59'01.814" 39.983837°	109°26'22.162" 109.439489°

NBU 1022-04AT
EXISTING WELL NBU 1022-4A

N46°07'50"W
Az= 313.86944°

Az= 148.01583° 20.6'



SCALE

SURFACE FOOTAGES:

NBU 1022-04AT
516' FNL & 1306' FEL

NBU 1022-4A (Existing Well Head)
533' FNL & 1295' FEL

Kerr-McGee
Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

NBU 1022-04AT
LOCATED IN SECTION 4, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

DATE SURVEYED: 06-01-08	SURVEYED BY: B.J.S.
DATE DRAWN: 11-17-08	DRAWN BY: M.W.W.
	REVISED: 03-18-09

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET
2b
OF 7

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

Oil Well ☐ Gas Well ☒ Other: _____

2. NAME OF OPERATOR

Kerr-McGee Oil & Gas Onshore LP

3. ADDRESS AND TELEPHONE NO.

1099 18th Street, Suite 1800
Denver, CO 80202

CONTACT: Danielle Piernot

PHONE: 720-929-6156

danielle.piernot@anadarko.com

4. LOCATION OF WELL (Footage, T, R, M, or Survey Description)

516' FNL 1,306' FEL NENE Lot 1 Sec. 4 T10S R22E
Lat. 39.983851 Long. -109.440212 NAD 83

5. LEASE SERIAL NO.

UTU01191

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA/AGREEMENT, NAME AND/OR NO.

891008900A

8. WELL NAME AND NO.

NBU 1022-04AT

9. API WELL NO.

43-047-40152

10. FIELD AND POOL, OR EXPLORATORY AREA

Natural Buttes

11. COUNTY OR PARISH, STATE

Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (start/resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a form 3160-4 must be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

An APD for this location was submitted to the BLM and UDOGM and was assigned API 49-047-40152. UDOGM approved their portion of the APD on June 18, 2008. The BLM approved their portion of the APD on November 19, 2008. A Sundry for a location change was also approved for this well by the BLM on April 8, 2009 and by UDOGM on April 9, 2009.

Kerr-McGee respectfully requests to change the surface casing for this well due to revised drilling practices.

The surface casing is changing

FROM: 2,080'

TO: 2,200'

Please see the attached drilling diagram for additional details. All other information remains the same.

Thank you.

RECEIVED

APR 16 2009

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Danielle Piernot

Title Regulatory Analyst

Date: 4.28.2009

Signature

Danielle Piernot

Date April 15, 2009

Initials: KS

THIS SPACE FOR FEDERAL OR STATE OFFICE USE.

Approved by

[Signature]

Title

Pet. Eng.

Date

4/23/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

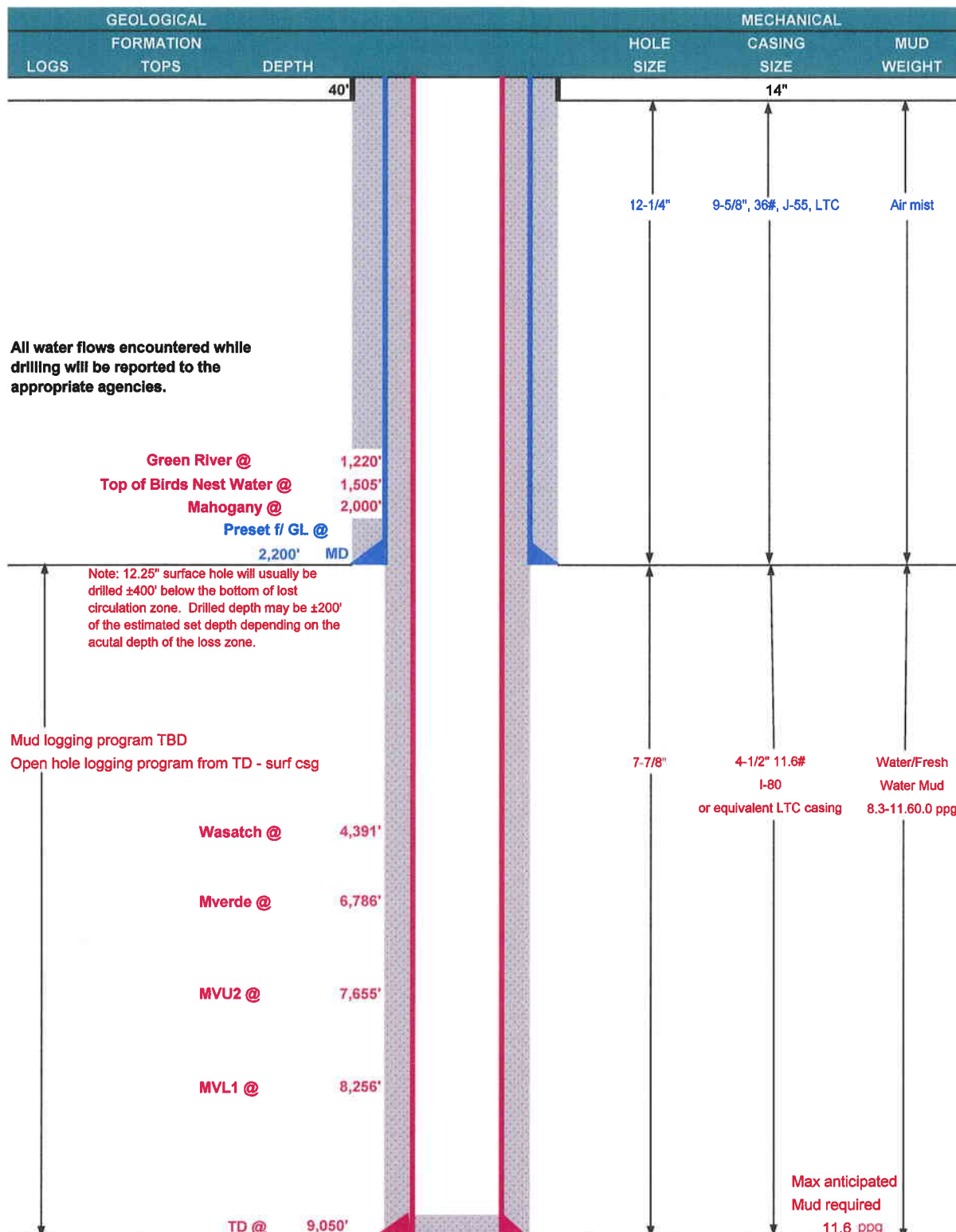
Office

DOGM

Federal Approval Of This
Action Is Necessary



COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP				DATE	April 14, 2009			
WELL NAME	NBU 1022-04AT				TD	9,050' MD/TVD			
FIELD	Natural Buttes		COUNTY	Uintah	STATE	Utah		ELEVATION	5,044' GL KB 5,059'
SURFACE LOCATION	NE/4 NE/4	516' FNL	1,306' FEL	Sec 4	T 10S	R 22E	Lot 1	BHL	Straight Hole
	Latitude: 39.983851		Longitude: -109.440212		NAD 83				
OBJECTIVE ZONE(S)	Wasatch/Mesaverde								
ADDITIONAL INFO	Regulatory Agencies: BLM (Minerals), BLM (Surface), Tri-County Health Dept.								





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3,520	2,020	453,000
SURFACE	9-5/8"	0 to 2200	36.00	J-55	LTC	1.02	1.96	7.28
						7,780	6,350	201,000
PRODUCTION	4-1/2"	0 to 9050	11.60	I-80	LTC	2.24	1.16	2.19

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.6 ppg)

0.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buo. Fact. of water)

MASP 3,365 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD

(Burst Assumptions: TD = 11.6 ppg)

0.59 psi/ft = bottomhole gradient

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buo. Fact. of water)

MABHP 5,356 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+ 25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ 25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,890'	Premium Lite II + 3% KCl + 0.25 pps	390	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,160'	50/50 Poz/G + 10% salt + 2% gel	1440	60%	14.30	1.31
			+ 1% R-3				

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip.

Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

John Huycke / Grant Schluender

DATE:

DRILLING SUPERINTENDENT:

John Merkel / Lovel Young

DATE:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/21/2009 <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/21/2009 AT 12:30 PM.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 28, 2009		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/28/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT			
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PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/12/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.					
<div style="text-align: right;"> REQUEST DENIED Utah Division of Oil, Gas and Mining </div>		Date: June 10, 2009			
By:					
NAME (PLEASE PRINT) Danielle Piernot		PHONE NUMBER 720 929-6156			
SIGNATURE N/A		TITLE Regulatory Analyst			
		DATE 6/9/2009			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401520000

API: 43047401520000

Well Name: NBU 1022-04AT

Location: 0516 FNL 1306 FEL QTR NENE SEC 04 TWP 100S RNG 220E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 6/18/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Signature: Danielle Piernot

Date: 6/9/2009

Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: June 10, 2009

By: _____

RECEIVED June 09, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
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PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: Uintah		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/22/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. MIRU PROPETRO AIR RIG ON 05/22/2009. DRILLED 12 1/4" SURFACE HOLE TO 2070'. RAN 9 5/8" 36# J-55 SURFACE CSG. PMP 350 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/320 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE HOLE STAYED FULL. WORT		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 10, 2009		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/15/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/22/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
FINISH RUNNING FROM 2070 TO 8897' ON 06/20/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. WASH CASING DOWN, TRYED TO WASH DOWN WOULD NOT WASH, DECIDED TO CEMENT PIPE @ 8853' A HPJSM W/ RIG 8 CEMENTING CREW, R/U & PSI TEST LINES TO 3900, POP OFF TO 4200, PUMP 40 BBLS F/W, LEAD 534 SXS 12.2 PPG 2.17 YLD, TAIL 1100 SXS 14.3 PPG 1.31 YLD, DROP PLUG & DISPLACE W/ 137 BBLS CLAYTREAT WATER, BUMP PLUG @ 3390, 580 PSI OVER FINALE PSI OF 2820, GOOD RETURNS THOUGH OUT JOB, BUT NO CMT TO SURFACE, W/ 1.5 BBLS BACK TO TRUCK, WASH OUT STACK & LAND CASING @ 70,000, R/D CEMENTERS N/D BOP & CLEAN PITS. RELEASE PIONEER RIG 69 PM 06/22/2009 AT 1500 HRS.		
<div style="display: flex; justify-content: space-between;"> <div> NAME (PLEASE PRINT) Sheila Wopsock </div> <div> PHONE NUMBER 435 781-7024 </div> <div> TITLE Regulatory Analyst </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div> SIGNATURE N/A </div> <div> DATE 6/24/2009 </div> </div>		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/22/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 10/22/2009 AT 12:30 A.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 02, 2009		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/29/2009	

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-4AT	Spud Conductor: 5/21/2009	Spud Date: 5/22/2009
Project: UTAH-UINTAH	Site: NBU 1022-4A PAD	Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING	Start Date: 5/22/2009	End Date: 5/25/2009
Active Datum: RKB @5,063.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/22/2009	8:00 - 13:00	5.00	DRLSUR	01	A	P		MIRU PROPETRO #11
	13:00 - 0:00	11.00	DRLSUR	02	A	P		DRILL F/40' TO 720', W/HAMMER, SURVEY @420'=7' INC, AZI 188, W/22' SEPERATION
5/23/2009	0:00 - 14:00	14.00	DRLSUR	02	A	P		DRILL W/HAMMER TO 1515', HIT WATER
	14:00 - 18:00	4.00	DRLSUR	06	A	P		POOH, L/D HAMMER, P/U MUD MTR & PDC, TIH
	18:00 - 0:00	6.00	DRLSUR	02	B	P		DRILL F/1515 TO 1620', W/PDC, CIRC RES
5/24/2009	0:00 - 22:00	22.00	DRLSUR	02	B	P		DRILL F/1620 TO 2070', W/MUD MTR & PDC
	22:00 - 23:00	1.00	DRLSUR	05	C	P		CIRC TO LDDP, SURVEY @1940'=1.4' INC, AZ 199
	23:00 - 0:00	1.00	DRLSUR	06	E	P		LDDP & BHA F/CSG
5/25/2009	0:00 - 8:00	8.00	DRLSUR	12	C	P		RUN 46 JTS 9.625 CSG TO 2024' WORK THRU BRIDGE @1690'
	8:00 - 14:00	6.00	DRLSUR	12	E			PUMP 350SX PREM CEMENT 15.8 LB 1.15 YLD 5GAL MIX WATER, 320SX PREM CEMENT F/3-TOPOUTS
6/11/2009	5:00 - 7:00	2.00	DRLPRO	01	E	P		RDRT
	7:00 - 11:00	4.00	DRLPRO	01	A	P		HPJSM W/ RIG, CRANE & TRUCKS, MOVE RIG TO NBU 1022-4AT, TRUCKS & CRANE ON LOC @ 07:00, 3 HAUL, 4 BED TRUCKS, 2 FORKLIFTS, 4 SWAMPERS, OFF LOC @ 11:00 MOVE 2.2 MILES
	11:00 - 18:00	7.00	DRLPRO	01	B	P		ROADS GOOD, FENCE UP & LOC CLEANED SET IN RIG & RURT, TRUCKS RELEASED @ 16:00, CRANE @ 17:00
	18:00 - 0:00	6.00	DRLPRO	08	A	P		TAKE DERRICK OFF CARRIER & PUT ON PIPE RACKS F/ REPAIR
6/12/2009	0:00 - 8:00	8.00	DRLPRO	08	B	P		SCHDUELED MAINTANCE-REPLACE ALL PONY ROD SEALS, VALVES IN PIT, PIT PUMPS
	8:00 - 20:00	12.00	DRLPRO	08	A	P		SCHDUELED MAINTANCE-WELD ON DERRICK
	20:00 - 0:00	4.00	DRLPRO	08	A	P		SCHDUELED MAINTANCE
6/13/2009	0:00 - 7:00	7.00	DRLPRO	08	B	P		FIX & REPAIR RIG EQUIP
	7:00 - 18:00	11.00	DRLPRO	08	A	P		WELD ON DERRICK, SCOPE IN DERRICK
	18:00 - 0:00	6.00	DRLPRO	08	A	P		FIX & REPAIR GENERAL RIG EQUIP
6/14/2009	0:00 - 8:00	8.00	DRLPRO	08	A	P		FIX, REPAIR, CLEAN & PAINT MISC RIG EQUIP
	8:00 - 20:00	12.00	DRLPRO	08	A	P		INSTALL DERRICK BACK ON CARRIER, STRING UP, HOOK ALL LINES & CABLES
	20:00 - 0:00	4.00	DRLPRO	01	B	P		STAND DERRICK & R/U DERRICK, FLOOR, RUN FLARE LINES, LAY OUT BHA & STRAP
6/15/2009	0:00 - 3:00	3.00	DRLPRO	14	A	P		N/U BOP
	3:00 - 8:00	5.00	DRLPRO	15	A	P		TEST BOP RAMS & ALL VALVES 250 LOW 5000 HIGH, ANN 250 LOW 2500 HIGH, CASING TO 1500
	8:00 - 12:30	4.50	DRLPRO	06	A	P		HPJSM W/ RIG & P/U CREW, R/U & P/U BHA & D/P, R/D P/U CREW
	12:30 - 18:30	6.00	DRLPRO	08	A	P		SCHEDULED RIG MAINTANCE, WELD ON DERRICK, REPLACE KELLY HOSE
	18:30 - 19:00	0.50	DRLPRO	14	B	P		INSTALL ROT RUBBER, DRIVE BUSHINGS, TORQUE KELLYPSI MUD LINES
	19:00 - 20:30	1.50	DRLPRO	02	F	P		DRLG CEMENT & F/E
	20:30 - 0:00	3.50	DRLPRO					DRLG & SLIDE F/ 2070' TO 2436', 366' @ 104.6' PH, SLIDES 2131-2141, 2226-2236, 2352-2366, 27.79' SEPERATION @ 2372, MW 8.3, VIS 26, RPM 45, MM 105, SPM 125, GPM 473, PUI/SO/ROT 90-84-87, ON/OFF 1132-1055, DIFF 150-300, WOB 15-18

RECEIVED October 29, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-4AT		Spud Conductor: 5/21/2009		Spud Date: 5/22/2009	
Project: UTAH-UINTAH		Site: NBU 1022-4A PAD		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/22/2009		End Date: 5/25/2009	
Active Datum: RKB @5,063.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/16/2009	0:00 - 9:30	9.50	DRLPRO	02	A	P		DRLG F/ 2436' TO 3743' 1307' @ 137.6' PH, MW 8.3, VIS 27, RPM 45, MM 105, SPM 125, GPM 473, PU/SO/ROT 110-100-105, ON/OFF 1350-1150, DIFF 150-350, WOB 15-18, 122.58' SEPERATION F/ EX WELL @ 3447'
	9:30 - 10:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	10:00 - 0:00	14.00	DRLPRO	02	A	P		DRLG F/ 3743' TO 5282' 1539' @ 110' PH, MW 8.5, VIS 28, WOB 15-18, RPM 45, MM 105, SPM 125, GPM 473, PU/SO/ROT 132-125-128, SURVEY @ 4520' 268.56' SEPERATION F/EX WELL, 2500 UNITS GAS @ 4750 PUT ON BUSTER W/ 10' FLARE
6/17/2009	0:00 - 10:00	10.00	DRLPRO	02	B	P		DRLG F/ 5282' TO 5957' 675' @ 67.5' PH, MW 8.8, VIS 27, WOB 15-18, RPM 45, MM 105, SPM 125, GPM 105, PU/SO/ROT 135-125-130, ON/OFF 1650-1350, DIFF 200-300,
	10:00 - 12:00	2.00	DRLPRO	08	A	Z		FLOOR MOTOR WENT DOWN, FOUND ELEC PROB,S & REPAIRED
	12:00 - 12:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	12:30 - 0:00	11.50	DRLPRO	02	B			DRLG F/ 5957' TO 6515' 558' @ 48.5' PH, MW 9.5, VIS 32, WOB 18, RPM 45, MM 105, SPM 125, PU/SO/ROT 150-139-143, ON/OFF 2000-1850, DIFF 150-300, WELL SEEPING @ 5GAL PER MIN, RUNNING SAWDUST SWEEPS
6/18/2009	0:00 - 15:30	15.50	DRLPRO	02	B	P		DRLG F/ 6515' TO 7190' 675' @ 43.5' PH, WOB 18-20, RPM 45, MM 105, SPM 125, GPM 473, PU/SO/ROT 162-149-154, ON/OFF 2250/2050, DIFF 150-250, LCM 10%, LOST @ 300 BBLS TO FORM F/ SEEPING
	15:30 - 16:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	16:00 - 0:00	8.00	DRLPRO	02	B	P		DRLG F/ 7190' TO 7623' 433' @ 54.1' PH, WOB 22, RPM 45, MM 100, SPM 120, GPM 454, PU/SO/ROT 165-151-156, ON/OFF 2350/2150, DIFF 150-250, LCM 10%, NO LOSS
6/19/2009	0:00 - 9:00	9.00	DRLPRO	02	B	P		DRLG F/ 7623' TO 7917' 294' @ 32.6' PH, MW 10.8, VIS 38, WOB 22, RPM 45, MM 100, SPM 120, GPM 454, PU/SO/ROT 165-151-156, ON/OFF 2450-2250, DIFF 150-250, LCM 10%, NO LOSS
	9:00 - 15:00	6.00	DRLPRO	06	A	P		TFNB @ 7917', CHANGE BIT, TIH TO SHOE FILL PIPE
	15:00 - 15:30	0.50	DRLPRO	07	A	P		SERVICE RIG, WORK ON PIPE SPINNERS
	15:30 - 20:00	4.50	DRLPRO	06	A	P		TIH FILL PIPE @ 5000', TIH, WASH 30' TO BOTTOM W/ 5' FILL, LOST 60 BBLS ON TRIP
	20:00 - 0:00	4.00	DRLPRO	02	D	P		BREAK IN BIT #2, DRLG & SLIDE F/ 7917' TO 7985' 68' @ 17' PH, SLIDE-7920-7940-2 HRS, 7953-7968-1 HR, 7979-7991 45 MIN, WOB 16-18, RPM 45, MM 105, SPM 125, GPM 473, PU/SO/ROT 170-150-162, ON/OFF 2500-2250, DIFF 150-250, MW 11.2, VIS 45, LCM 11%
6/20/2009	0:00 - 16:00	16.00	DRLPRO	02	B	P		DRLG & SLIDE F/ 7985' TO 8676' 691' @ 43.2' PH, WOB 18, MW 11.6, VIS 45, RPM 45, MM 95, SPM 115, GPM 435, PU/SO/ROT 181-162-168, ON/OFF 2500-2250, DIFF 150-300, LCM 15%, LOST 45 BBLS @ 8530', SLIDE 8012-8023, 8044-8055, 8333-8350, 2HRS 45 MINS TOT ON SLIDES
	16:00 - 16:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	16:30 - 21:00	4.50	DRLPRO	02	B	P		DRLG F/ 8676' TO 8897' 221' @ 49.1' PH, TD @ 21:00 6/20/09, 12.0, VIS 45, WOB 18, RPM 45, MM 95, SPM 115, GPM 435, PU/SO/ROT 183-165-170, ON/OFF 2500-2250, DIFF 150-300, LCM 15%, LOST @ 400 BBLS TO FORMATION

RECEIVED October 29, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-4AT		Spud Conductor: 5/21/2009		Spud Date: 5/22/2009	
Project: UTAH-UINTAH		Site: NBU 1022-4A PAD		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 5/22/2009		End Date: 5/25/2009	
Active Datum: RKB @5,063.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/21/2009	21:00 - 23:00	2.00	DRLPRO	05	A	P		C&C RAISE MW TO 12.2 & LCM 18-20%
	23:00 - 0:00	1.00	DRLPRO	06	E	P		START SHORT TRIP TO SHOE 2000',
	0:00 - 4:30	4.50	DRLPRO	06	E	P		FINISH SHORT TRIP TO SHOE, FILL @ SHOE W/ NO RETURNS, TIH TO 5000', FILL W/ 1/2 RETURN'S, TIH TO 8400' WASH TIGHT SPOT, TIH W/ 5' FILL, LOST @ 300 BBLS ON TRIP
	4:30 - 7:00	2.50	DRLPRO	05	A	P		C&C HOLE, BUILD VOLUME & RAISE LCM TO 20 %
	7:00 - 14:00	7.00	DRLPRO	06	B	P		HPJSM W/ RIG & L/D CREWS, R/U & LDDS, BREAK KELLY, L/D BHA & DIR TOOLS, PULL WEAR BUSHING
	14:00 - 14:30	0.50	DRLPRO	07	A	P		SERVICE RIG
6/22/2009	14:30 - 23:00	8.50	DRLPRO	11	C	P		HPJSM W/ RIG & LOGGING CREWS, R/U & RUN TRIPLE COMBO TO 8887' & LOG OUT, R/D
	23:00 - 0:00	1.00	DRLPRO	12	C	P		HPJSM W/ RIG & CASING CREWS, R/U & START RUNNING 4 1/2" PROD CASING
	0:00 - 6:00	6.00	DRLPRO	12	C	P		FINISH RUNNING CASING TO 8853'
	6:00 - 8:00	2.00	DRLPRO	05	D	P		WASH CASING DOWN , TRYED TO WASH DOWN WOULD NOT WASH, DECIDED TO CEMENT PIPE @ 8853'
	8:00 - 11:00	3.00	DRLPRO	12	E	P		HPJSM W/ RIG & CEMENTING CREW, R/U & PSI TEST LINES TO 3900, POP OFF TO 4200, PUMP 40 BBLS F/W, LEAD 534 SXS 12.2 PPG 2.17 YLD, TAIL 1100 SXS 14.3 PPG 1.31 YLD, DROP PLUG & DISPLACE W/ 137 BBLS CLAYTREAT WATER, BUMP PLUG @ 3390, 580 PSI OVER FINALE PSI OF 2820, GOOD RETURNS THOUGH OUT JOB, BUT NO CMT TO SURFACE, W/ 1.5 BBLS BACK TO TRUCK, WASH OUT STACK & LAND CASING @ 70,000, R/D CEMENTERS
	11:00 - 15:00	4.00	DRLPRO	14	A	P		N/D BOP & CLEAN PITS, RELEASE RIG TO NBU 1022-6ET @ 15:00 6/22/09

RECEIVED October 29, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-4AT	Spud Conductor: 5/21/2009	Spud Date: 5/22/2009
Project: UTAH-UINTAH	Site: NBU 1022-4A PAD	Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 10/15/2009	End Date: 10/26/2009
Active Datum: RKB @5,063.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/15/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, RIGGING DWN, MOVING EQUIP AND RIGGING UP.
	7:30 - 8:00	0.50	COMP	30	A	P		RDMOL @ NBU 1022-4HT, MIRU.
	8:00 - 16:00	8.00	COMP	31	I	P		ND WH, NU BOPS, RU FLOOR & EQUIP. PU 37/8 MILL & 216 JTS 23/8 J-55 4.7# TBG TO EOT @ 6682'. POOH W/ 106 STDS IN DERICK L/D MILL, RIG DWN FLOOR, ND BOPS, RU FRAC VALVE. PREP TO TEST CSG AND SHOOT 1ST ZONE IN AM.
10/16/2009	7:00 - 7:30	0.50	COMP	48		P		HSM, WORKING W/ WIRE LINE.
	7:30 - 15:00	7.50	COMP	34	H	P		FILL & TEST CSG W/ B&C QUICK TEST TO 7,000# PSI OK, RU SCHLUMBERGER WIRE LINE. (STG 1) PU 31/8 EXP GUNS, 23 GRM, .36 HLS, 120 & 90 DEG PHASING. PERF 8784'-88' 4 SPF 16 HLS, 8664'-68' 3 SPF 12 HLS, 8574'-77' 3 SPF 9 HLS, 8526'-28' 3 SPF 6 HLS. 43 HOLES. POOH SWI PREP TO FRAC 10/19/09.
10/19/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. FRACING & PERFORATING
	7:30 - 10:15	2.75	COMP	36	B	P		MIRU SLB. PRESSURE TEST SURFACE EQUIPMENT TO 8,100 PSI. GOOD TEST. STG 1) WHP 823 PSI, BRK 3,664 PSI @ 5.3 BPM ISIP 2,860 PSI, FG .76 PUMP 100 BBLS @ 51.2 BPM @ 4,600 PSI = 100% HOLES OPEN. MP 6,336 PSI, MR 51.4 BPM, AP 4,220 PSI, AR 46.6 BPM, ISIP 2,721 PSI, FG .74, NPI -139 PSI, PUMP 2,073 BBLS OF SW & 69,956 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 SAND. TOTAL PROP PUMPED 74,956 LBS.
	11:40 - 12:50	1.17	COMP	36	B	P		STG 2) PU 4 1/2" CBP & 3 3/8" EXP GNS, .23 GRM, .36 HOLES, 120, 180 & 90 DEG PHASING. RIH SET HALLIBURTON CBP @ 8,431' & PERF 8,398' - 01' 4SPF, 8,374' - 76' 3SPF, 8,350' - 53' 4SPF, 8,289' - 91' 2SPF, 8,244' - 46' 3SPF, 40 HOLES. WHP 2,118 PSI, BRK 2,734 PSI @ 5.3 BPM ISIP 2,321 PSI, FG .71 PUMP 100 BBLS @ 50.2 BPM @ 4,400 PSI = 100% HOLES OPEN. MP 5,622 PSI, MR 50.6 BPM, AP 4,025 PSI, AR 47.9 BPM, ISIP 2,674 PSI, FG .75, NPI 353 PSI, PUMP 2,357 BBLS OF SW & 87,783 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 SAND. TOTAL PROP PUMPED 92,783 LBS.

RECEIVED October 29, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-4AT		Spud Conductor: 5/21/2009		Spud Date: 5/22/2009	
Project: UTAH-UINTAH		Site: NBU 1022-4A PAD		Rig Name No: GWS 1/1	
Event: COMPLETION		Start Date: 10/15/2009		End Date: 10/26/2009	
Active Datum: RKB @5,063.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	12:50 - 14:25	1.58	COMP	36	B	P		STG 3) PU 4 1/2" CBP & 3 3/8" EXP GNS, .23 GRM, .36 HOLES, 120, 180 & 90 DEG PHASING. RIH SET HALLIBURTON 8K CBP @ 8,187' & PERF 8,154' - 57' 4SPF, 8,134' - 36' 4SPF, 8,038' - 40' 4SPF, 8,004' - 06' 3SPF, 7,922' - 24' 2SPF, 38 HOLES. WHP 2,234 PSI, BRK 2,803 PSI @ 6.5 BPM ISIP 2,420 PSI, FG .73 PUMP 100 BBLS @ 51.2 BPM @ 4,470 PSI = 100% HOLES OPEN. MP 5,715 PSI, MR 51.4 BPM, AP 4,151 PSI, AR 46.9 BPM, ISIP 2,860 PSI, FG .79, NPI 440 PSI, PUMP 1,081 BBLS OF SW & 37,165 30/50 SAND & 5,000 LBS OF 20/40 SAND. TOTAL PROP PUMPED 42,165 LBS.
	14:25 - 16:25	2.00	COMP	36	B	P		STG 4) PU 4 1/2" CBP & 3 3/8" EXP GNS, .23 GRM, .36 HOLES, 120, 180 & 90 DEG PHASING. RIH SET HALLIBURTON 8K CBP @ 7,904' & PERF 7,871' - 74' 4SPF, 7,820' - 22' 4SPF, 7,781' - 82' 4SPF, 7,734' - 36' 4SPF, 7,653' - 54' 3SPF, 7,602' - 04' 2SPF, 39 HOLES. WHP 915 PSI, BRK 2,373 PSI @ 5.3 BPM ISIP 1,876 PSI, FG .67 PUMP 100 BBLS @ 51.2 BPM @ 3,810 PSI = 100% HOLES OPEN. MP 4,871 PSI, MR 51.4 BPM, AP 3,562 PSI, AR 48.5 BPM, ISIP 2,164 PSI, FG .71, NPI 288 PSI, PUMP 1,939 BBLS OF SW & 69,864 30/50 SAND & 5,000 LBS OF 20/40 SAND. TOTAL PROP PUMPED 74,864 LBS.
	16:25 - 18:00	1.58	COMP	36	B	P		STG 5) PU 4 1/2" CBP & 3 3/8" EXP GNS, .23 GRM, .36 HOLES, 120, 180 & 90 DEG PHASING. RIH SET HALLIBURTON 8K CBP @ 7,552' & PERF 7,519' - 22' 4SPF, 7,486' - 88' 4SPF, 7,425' - 28' 4SPF, 7,400' - 02' 2SPF, 7,376' - 78' 3SPF, 42 HOLES. SWI SDFN
10/20/2009	6:30 - 7:00	0.50	COMP	48		P		HSM. FRACING & PERFORATING
	7:00 - 7:30	0.50	COMP	36	B	P		STG 5) WHP 1,548 PSI, BRK 3,703 PSI @ 5.3 BPM, ISIP 1,939 PSI, FG .69 PUMP 100 BBLS @ 51.2 BPM @ 4116 PSI = 100% HOLES OPEN. MP 5,021 PSI, MR 51.5 BPM, AP 3,742 PSI, AR 46.5 BPM, ISIP 2,661 PSI, NPI 722 PSI. PUMP 847 BBLS SW & 28,321 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 33,321 LBS.

RECEIVED October 29, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-4AT		Spud Conductor: 5/21/2009	Spud Date: 5/22/2009
Project: UTAH-UINTAH	Site: NBU 1022-4A PAD		Rig Name No: GWS 1/1
Event: COMPLETION	Start Date: 10/15/2009	End Date: 10/26/2009	
Active Datum: RKB @5,063.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 9:03	1.55	COMP	36	B	P		STG 6) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. RIH SET HALLIBURTON 8K CBP @ 7,294' & PERF 7,262' - 64' 3SPF, 7,226' - 28' 3SPF, 7,194' - 96' 3SPF, 7,149' - 51' 3SPF, 7,133' - 37' 4SPF, 40 HOLES. WHP 200 PSI, BRK 3,401 PSI @ 5.3 BPM, ISIP 1,632 PSI, FG .66. PUMP 100 BBLS @ 51.2 BPM @ 4110 PSI = 83% HOLES OPEN. MP 4,837 PSI, MR 51.3 BPM, AP 3,582 PSI, AR 45.6 BPM, ISIP 2,216 PSI, NPI 584 PSI. PUMP 859 BBLS SW & 29,289 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 34,289 LBS.
	9:03 - 10:45	1.70	COMP	36	B	P		STG 7) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. RIH SET HALLIBURTON 8K CBP @ 6,998' & PERF 6,964' - 68' 4SPF, 6,846' - 50' 3SPF, 6,823' - 27' 3SPF, 40 HOLES. WHP 133 PSI, BRK 2,466 PSI @ 5.3 BPM, ISIP 1,000 PSI, FG .58. PUMP 100 BBLS @ 50.8 BPM @ 3,950 PSI = 88% HOLES OPEN. MP 4,506 PSI, MR 51.6 BPM, AP 3,340 PSI, AR 49 BPM, ISIP 2,292 PSI, NPI 1,292 PSI. PUMP 2,077 BBLS SW & 80,699 LBS OF 30/50 SND & 5,000 LBS OF 20/40 RESIN SND. TOTAL PROP 85,699 LBS.
	10:45 - 15:00	4.25	COMP	31	I	P		KILL PLG) PU 4 1/2" HALLIURTON 8K CBP & RIH SET CBP @ 6,770'. POOH W/ WIRE LINE. RDMO SCHLUMBERGER. ND FRAC VALVES NU BOP. PU 3 7/8" BIT & POBS. RIH W/ 213 JTS OF TBG. EOT @ 6,715'. RU POWER SWIVEL. SWI SDFN
10/21/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. DRILLING CBP. PINCH POINTS & DRLG W/ PRESSURE

RECEIVED October 29, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-4AT		Spud Conductor: 5/21/2009		Spud Date: 5/22/2009	
Project: UTAH-UINTAH		Site: NBU 1022-4A PAD		Rig Name No: GWS 1/1	
Event: COMPLETION		Start Date: 10/15/2009		End Date: 10/26/2009	
Active Datum: RKB @5,063.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 7:30	0.00	COMP	44	C	P		WHP 0 PSI. BRK CIRCULATION W/ 2% KCL WATER. RIH C/O 10' OF SAND TAG PLG 1 @ 6,770' DRL PLG IN 8 MIN. 700 PSI INCREASE. RIH C/O 30' OF SAND TAG PLG 2 @ 6,998' DRL PLG IN 9 MIN. 700 PSI INCREASE. RIH C/O 60' OF SAND TAG PLG 3 @ 7,294' DRL PLG IN 4 MIN. 500 PSI INCREASE. RIH C/O 30' OF SAND TAG PLG 4 @ 7,552' DRL PLG IN 7 MIN. 1,000 PSI INCREASE. RIH C/O 30' OF SAND TAG PLG 5 @ 7,904' DRL PLG IN 5 MIN. 300 PSI INCREASE. RIH C/O 25' OF SAND TAG PLG 6 @ 8,187' DRL PLG IN 8 MIN. 400 PSI INCREASE. RIH C/O 20' OF SAND TAG PLG 7 @ 8,431' DRL PLG IN 10 MIN. 900 PSI INCREASE. RIH C/O TO 8,851' PBTD. CIRCULATE WELL CLEAN. LD 21 JTS LAND TBG W/ 260 JTS EOT @ 8,202.17'. ND BOP NU WELL HEAD. DROP BALL TO SHEAR OFF BIT. PUMP OFF BIT @ 2,100 PSI. TURN WELL OVER TO FLOW TESTERS. 284 JTS OUTBOUND 260 JTS LANDED 24 JTS RETURNED
10/22/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2550#, TP 2175#, 20/64" CK, 60 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 6235 BBLS LEFT TO RECOVER: 4998
	12:30 -		PROD	50				WELL TURNED TO SALE @ 2430 HR ON 10/22/09 - FTP 2250#, CP 2650#, 1700 MCFD, 45 BWPD, 18/64 CK
10/23/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 3000#, TP2275#, 18/64" CK, 35 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 7190 BBLS LEFT TO RECOVER: 4043
10/24/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2900#, TP 2225#, 18/64" CK, 28 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 7893 BBLS LEFT TO RECOVER: 3340
10/25/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2800#, TP 2125#, 18/64" CK, 25 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 8520 BBLS LEFT TO RECOVER: 2713
10/26/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2650#, TP 2050#, 18/64" CK, 18 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 8978 BBLS LEFT TO RECOVER: 2255
	7:00 -			33	A			7 AM FLBK REPORT: CP 2600#, TP 2025#, 18/64" CK, 18 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 9032 BBLS LEFT TO RECOVER: 2201

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/21/2009	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 05/21/2009 AT 12:30 PM.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 28, 2009		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/28/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: NBU 1022-04AT			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047401520000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/7/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to Temporarily Abandon or Shut-In the subject well to accommodate recompletion drilling operations for the referenced well location. Please see the attached procedure. This is a courtesy copy for the referenced Federal Well with lease #UTU01191. Thank you.					
NAME (PLEASE PRINT) Matthew P Wold		PHONE NUMBER 720 929-6993			
SIGNATURE N/A		TITLE Regulatory Analyst I DATE 3/7/2014			

Well Name: **NBU 1022-4AT**
 Surface Location: NENE Sec. 4, T10S, R22E
 Uintah County, UT

2/26/14

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Kill well, pull EOT to above top set of perms, install tubing hanger with internal threads and set VR plug, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304740152 LEASE#: U-01191
 ELEVATIONS: 5045' GL 5063' KB
 TOTAL DEPTH: 8897' PBTD: 8851'
 SURFACE CASING: 9 5/8", 36# J-55 @ 2042'
 PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8897'
 Estimated TOC @ 350' per CBL
 PRODUCTION TUBING: 2 3/8" J-55 TBG @ 8212' (workover rpt 9/25/12)
 PERFORATIONS: MESAVERDE 6823' - 8788'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

4368' Wasatch
 6855' Mesaverde

NBU 1022-4AT TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE. PULL TUBING.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE MV PERFORATIONS (6823' – 8788'):** RIH W/ 4 ½" CBP. SET @ ~6770'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 9.2 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~6670'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (4368'):** PUH TO ~4470'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4260' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

HMP 2/26/14

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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
10. FIELD and POOL or WILDCAT: NATURAL BUTTES		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/2/2014	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the temporary abandonment operations on the subject well location on 4/2/2014. This well was plugged in order to expand and drill the NBU 1022-4A Pad wells. Please see the attached chronological well history for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 25, 2014		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 4/24/2014	

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 1022-4AT				Spud Conductor: 5/21/2009			Spud Date: 5/22/2009		
Project: UTAH-UINTAH				Site: NBU 1022-4A PAD				Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3	
Event: ABANDONMENT				Start Date: 3/27/2014				End Date: 4/2/2014	
Active Datum: RKB @5,063.00usft (above Mean Sea Level)				UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
4/1/2014	7:00 - 7:15	0.25	ABANDT	48		P		HSM, JSA	
	7:15 - 10:00	2.75	ABANDT	31	I	P		100# FCP, CONTROL WELL W/ 15 BBLS T-MAC, MIRU SCAN TECH, TOO H & SCAN 2-3/8" TBG, SCAN SHOWED 96 YELLOW BAND JTS, 35 BLUE BAND JTS & 131 RED BAND JTS	
	10:00 - 11:30	1.50	ABANDT	34	I	P		MIRU CUTTERS WIRELINE, RIH W/ 8K CBP, SET CBP @ 6770', POOH, RD CUTTERS	
	11:30 - 15:00	3.50	ABANDT	31	I	P		TIH W/ 2-3/8" TBG, TAG CBP @ 6770', FILL CSG W/ T-MAC, PRESSURE TEST CSG TO 500 PSI, SDFN	
4/2/2014	7:00 - 7:15	0.25	ABANDT	48		P		HSM, JSA	
	7:15 - 9:30	2.25	ABANDT	51	D	P		MIRU PRO PETRO, TEST PUMP & LINES TO 2000PSI, CIRC CSG W/ T-MAC & PRESSURE TEST TO 500 PSI, PUMP 2 BBL FRESH WTR SPACER, MIX & PUMP 8 SX CMT @ 15.8 PPG, PUMP 1 BBL FRESH WTR, DISPLACE W/ 24.6 BBLS T-MAC, TOO H & LD 70 JTS TBG ON TRAILER, PUMP 2 BBL FRESH WTR SPACER, MIX & PUMP 16 SX CMT @ 15.8 PPG, DISPLACE W/ 16.1 BBLS T-MAC, TOC @ 6670', RD PRO PETRO	
	9:30 - 12:00	2.50	ABANDT	31	I	P		TOOH & LD 2-3/8" TBG ON TRAILER, RD MOVE TO NBU 1022-9C2DS LAT 39.98377 LONG 109.44011	
4/3/2014	7:00 -							TEARDOWN PRODUCTION FACILITY FOR MULTI-WELL PAD.	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-04AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0516 FNL 1306 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 04 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401520000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/2/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The NBU 1022-04AT well was returned to production on 6/2/2015 following a temporary abandonment. Please see the attached operations summary report for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 04, 2015		
NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 6/4/2015	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-4AT			Spud Conductor: 5/21/2009				Spud date: 5/22/2009		
Project: UTAH-UINTAH			Site: NBU 1022-4A PAD				Rig name no.: ROCKY MOUNTAIN WELL SERVICE 3/3		
Event: ABANDONMENT			Start date: 4/1/2015				End date: 5/28/2015		
Active datum: RKB @5,063.00usft (above Mean Sea Level)			UWI: NE/NE/0/10/S/22/E/4/0/0/6/PM/N/516.00/E/0/1,306.00/0/0						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation	
4/1/2015	7:00 -							REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION	
5/27/2015	7:00 - 7:15	0.25	ABANDT	48		P		HSM-JSA	
	7:15 - 17:00	9.75	ABANDT	44	A	P		MIRU, NDWH, NUBOP, PU 3 7/8" BIT RIH TAG CMT @ 4145', RU PWR SWVL, BRK CIRC D/O 150' CMT TO 4195' CIRC CLN, SWI, SDFN.	
5/28/2015	7:00 - 7:15	0.25	ABANDT	48		P		HSM-JSA	
	7:15 - 20:00	12.75	ABANDT	44	A	P		BRK CIRC D/O 240' CMT TO 4535', BRK FREE, RIH TAG CMT @ 6604' D/O 156' CMT TO 6760' W/ RIG PUMP, MIRU WTRFD FU BRK CIRC, D/O 10' CMT TAG CBP @ 6770', DRL PLUG IN 9MIN, 0 PSI INC, RIH TAG FILL @ 8570', C/O TO 8590' BRK FREE, RIH TAG @ 8776' C/O TO PBTD @ 8840', CIRC CLN, RD PWR SWVL, POOH LD 21 JTS TBG, LAND TBG W/ 257 JTS 2 3/8" P-110 EOT @ 8194.70', RD FLOOR & TBG EQUIP, NDBOP, NUWH, DROP BALL POBS (PUMPED 45 BBLS W/ NO PSI INC), SWI, RDMO,SDFN.	
								KB-18'	
								HANGER-.83'	
								257 JTS 2 3/8" P-110- 8173.67'	
								POBS W/ XN SN- 2.20'	
								EOT @ 8194.70'	
								PBTD- 8840'	